

Hawaii Invasive Species Council Research and Technology Working Group Strategic Planning

July 9, 2014, 9:00 a.m. – 12:00 p.m.

The Nature Conservancy, 923 Nuuanu Avenue, Honolulu HI 96817

Facilitator: Emily Montgomery (HISC)

Working Group Chair: Chris Lepczyk (UH)

Participants: Josh Atwood (HISC), Randy Bartlett (HISC), Rob Curtiss (HDOA), Rob Hauff (DLNR), Mark Fox (TNC), Pat Chee (DOFAW)

General Priorities Discussion & Ranking:

Top Ranking Priorities from January Strategic Planning Workshop:

HISC Priority Ranking Score	
Funding	6
<i>This discussion is tabled. Will be part of Resources Working Group</i>	
Update and develop interagency data recording and tracking	
Piecemeal data, no standardization	4
Data Recording and tracking in state agencies	2
Database Management and GIS	4
Develop interagency research strategy plan for invasive species	4
Communication gaps between researchers and management priorities	3
<i>Vetting of information and results/ local peer review (from below)</i>	
Create a biosecurity and invasive species college within the University of Hawaii	3
Hawaii Ant Lab	3
Vetting of information and results/ local peer review	3
<i>*crossed out and added in above</i>	

Priority 1: Interagency Research Strategy Plan

- a. What is the Ideal Result?
 - IS Research coordinated, collaborative & prioritized
 - Long-term outcomes taken into consideration & accounted for
 - Research has management applicability & is interdisciplinary (biological, cultural, economic e.g. cost/unit effort)
 - Decision making system/matrix developed on for response strategy (i.e. when to move from EDRR/eradication to Maintenance Control or biocontrol)
 - Research results shared/published & used
 - Strategy utilized by/incorporated into UH (courses, faculty, research, "Center for IS")
 - Strategy drives HISC funding for Research
- b. Identify HISC Strategies (Implementation steps for HISC: i.e. policy, funding, and/or management/action)
 - Identify interagency agency research priorities
 - Facilitate priority setting and planning process
 - Identify and connect funding sources for research/ers (*Resources WG*)
 - Reassessment of HISC funding priorities/guidelines process (*Resources WG*)
 - Reassess advantages/disadvantages of current funding process vs closed-RFP process for research (to allow non-HISC entities to apply for research funds?)
 - Identify and connect stakeholders doing the research with those who need/ can use it i.e. researchers, natural resource managers

- Better engagement w/researchers/research community
- c. What capacity does HISC need to do this?
 - HISC Planner (support staff)
 - Adequate/sufficient and sustained staffing & administrative housing structure, e.g. civil service vs. PCSU/RCUH, DLNR/DOFAW vs. Gov's Office?
- d. Identify Evaluation Measures
 - Set-up benchmarks/timeline for plan start/end
 - Amount of stakeholder engagement (#s of agencies/partners/etc)
 - Funding directed towards priorities identified
 - Progress/outcomes from research projects

Priority 2: Update and develop interagency data recording and tracking

- a. What is the Ideal Result?
 - Accurately depict current status of species/projects
 - Standardized data-sharing system (i.e. SOPs, etc.)
 - Data accessible & consistent
 - Data easily summarized & reported
- b. Identify HISC Strategies (Implementation steps for HISC: i.e. policy, funding, and/or management/action)
 - Explore Information/data housing systems
 - Assess current data-management tools available & practices state-wide
 - Pilot study w/limited group
 - Assess agency needs for data-management (DLNR/DOFAW, DOA etc.)
- c. What capacity does HISC need to do this?
 - Coordination of state-wide data & reporting
 - Data-nerd position?
- d. Identify Evaluation Measures
 - SOPs/products developed
 - Products readily accessible/utilized by agencies, partners & public
 - #s of reportable datasets, accessibility

Priority 3: Hawaii Ant Lab (HAL)

- a. What is the Ideal Result?
 - Tools/Methods developed & in-place for prevention/eradication/control/management
 - Coordinated Response System developed/in-place & adaptive/feed-back loop to Research findings/results (*Control WG?*)
 - Interdisciplinary research
- b. Identify HISC Strategies (Implementation steps for HISC: i.e. policy, funding, and/or management/action)
 - Funding identified for prioritized research needs. Keep ants as research funding priority
 - Assessment/facilitation of international info exchange, provide forum for sharing new info/research results
 - Completion of state-wide ant plan
- c. What capacity does HISC need to do this?
 - HAL stability. Institutionalize as part of CTAHR/PEPS?
 - Need accurate program cost/s, discussion with stakeholders, what impacts on current programs?
- d. Identify Evaluation Measures
 - Management plans developed, tools deployed/utilized in the field
 - % HISC funds directed to ant research

Priorities

Funding

- ★ Update & develop
 - Interagency data recording & tracking
- ★ Develop interagency research strategy plan for Invasive Species
- ★ Create a biosecurity & Invasive Species ^{Support} ~~college~~ ^{track} within UH
- ★ Hawaii Ant Lab (Invasive Ants)
- ★ ~~Sharing of information & results / local peer review~~

plus	delta
★ venue ~ snacks ★ good size ★ process/org ★ suff visual ★ logical method ★ overall feedback process ★ made it manageable 3 priorities, 2-b-c-d	★ vote color-seeing → understanding what that GAPs & HISC Planning are paralleling (mtg fatigue) ★ reality check phase decision maker review & support

#1 (Strategy Plan)

- a) • Research is coordinated + collaborative + prioritized
 - Long term outcomes
 - Research has management applicability
 - System for making decisions on changes in strategy (eg. manual control → biocontrol)
 - Findings are shared + used, peer review
 - Strategy is utilized by / incorporated into UH (courses, faculty, research, center for IS)
 - Research is interdisciplinary (biology, economics, cultural, etc)
 - ↳ cost/effort, CBA for ag, tourism, etc

#1

- b) • Identify interagency research priorities
 - HISC facilitates ^{process} priority setting
 - Identify other funding sources that researchers can apply for (may be Resources WG)
 - Identify ^{connect} stakeholders → Researchers
 ↳ Managers benefitting from research
 - Strategy drives HISC funding priorities
 - Better engagement with research community
- c) • HISC Planner
 - So efficient HISC staffing + structure (Resource WG?) (eg. civil service v. post administrative housing)
- d) • Timeline - when plan will be started / completed
 - Measuring stakeholder engagement (researcher/user)
 - Funding directed toward 1st priorities
 - Progress/outcomes from research projects

Priority 2: UPDATE & DEV. DATA

- a) • Accurately depict current status
 - Data sharing system (standardized)
 - Data is accessible + consistent (SOPs)
 - Data is easily summarized + reported
 - Development of SOPs
- b) • Explore Infor/Datahouse system
 - Determine current data tools + practices
 - Pilot study w/ limited group
- c) • ^{Agencies} DOFAW need a data person
 - HDOA " " " "
 - HISC capacity to manage incoming data process
- d) • Products (eg SOPs) developed
 - Products utilized by agencies + partners
 - # of reportable datasets
 - Accessibility

Priority 3:

- a) • Tools are ^{developed +} in place for ^{prevention,} control/management
 - ~~Coordinated response system in place~~ ^(yes)
 - Research + management = feedback loop
 - Interdisciplinary research
- b) • fund research
 - promoting international info exchange
 - Keep ants as research/funding priority
 - HISC R+T provides forum for sharing new info / research results
- c) • Statewide Ant Plan is completed
 - Hawaii Ant Lab stability -
 - UH institutionalize Ant Lab/Cas
 - Need accurate program cost
 - Revitalizing R+T WG, regular mtgs

#3

- d) • Tools deployed into field
 - % HISC funds directed to ant research
 - Ant Lab/Cas institutionalized by UH in some way